

states, 35, on the 16th, 22d, and 27th; in 34 on the 30th; in 33 on the 6th, 23d, and 24th; in 32 on the 16th and 18th; in 31 on the 14th and 21st; in 20 to 30 on the 1st, 2d, 3d, 5th, 7th, 8th, 9th, 15th, 19th, 20th, 25th, 26th, 28th, and 29th; in 10 to 19 on the 4th, 10th, 12th, and 13th; and in 9 on the 11th.

East of the Rocky Mountains thunderstorms were reported on the greatest number of dates, 30 in Florida; on 20 to 29 in Alabama, Arkansas, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Virginia, West Virginia, and Wisconsin; on 10 to 19 in Connecticut, Indian Territory, Maine, Nebraska, New Hampshire, North Dakota, Oklahoma, Rhode Island, and Vermont. The only states in which thunderstorms were re-

ported on less than 10 dates were, the District of Columbia on 9 dates and Montana on 7.

West of the Rocky Mountains thunderstorms were reported in Arizona on the 23d to 30th; in California on the 8th, 9th, 12th, 13th, 24th, and 29th; in Colorado on the 3d, 4th, 5th, 14th to 19th, 22d, 23d, 24th, 29th, and 30th; in Idaho on the 9th to 12th, 17th, and 30th; in Nevada on the 9th, 10th, 11th, 13th to 16th, and 27th to 30th; in New Mexico on the 3d, 14th, 16th, 17th, 19th, 20th, 22d to 27th, and 30th; in Oregon on the 12th, 13th, and 14th; in Utah on the 10th, 13th, 14th, 15th, 29th, and 30th; in Washington on the 1st, 5th, 6th, 7th, 9th, 11th, 12th, 13th, 21st, 29th, and 30th; in Wyoming on the 3d, 4th, 10th, 14th, 16th, 18th, 24th, 25th, and 29th. There were no states or territories in which thunderstorms were not reported.

### STATE WEATHER SERVICES.

[Temperature in degrees Fahrenheit; precipitation, including melted snow, in inches and hundredths.]

The following extracts and summaries are republished from reports for June, 1892, of the directors of the various state weather services:

#### ALABAMA.

**Temperature.**—The mean was 0.4 above the normal; maximum, 105, at Daphne, 13th; minimum, 56, at Brewton, 3d, at Florence, 26th, and at Newburgh, 28th; greatest monthly range, 47, at Wiggins; least monthly range, 25, at Pittsboro.

**Precipitation.**—The average was 0.27 above the normal; greatest monthly, 9.48, at Daphne; least monthly, 1.44, at Bermuda.

**Wind.**—Prevailing direction, southeast.—*P. H. Mell, Observer, Weather Bureau, Auburn, director.*

#### ARIZONA.

**Temperature.**—Maximum, 122, at Fort Mohave, 27th; minimum, 29, at Fort Apache and Holbrook, 11th; greatest monthly range, 74, at Fort Apache; least monthly range, 30, at Dos Cabezas.

**Precipitation.**—Greatest monthly, 2.75, at Chiricahua Mountains; least monthly, 0.00, at a number of stations.

**Wind.**—Prevailing direction, southwest.—*J. C. Hayden, Observer, Weather Bureau, Tucson, director.*

#### ARKANSAS.

**Temperature.**—The mean was normal; maximum, 103, at Keesees Ferry, 14th; minimum, 40, at Rogers, 2d; greatest monthly range, 55, at Rogers; least monthly range, 33, at Greenville, Miss.

**Precipitation.**—The average was 0.21 below the normal; greatest monthly, 6.90, at Camden; least monthly, 0.72, at Hope.

**Wind.**—Prevailing direction, south.—*M. F. Locke, Commissioner of Agriculture, Little Rock, director; F. H. Clarke, Observer, Weather Bureau, assistant.*

#### CALIFORNIA.

**Temperature.**—Maximum, 117, at Needles, 21st; minimum, 32, at Fort Jones, 2d; greatest monthly range, 65, at Orangevale and San Ardo; least monthly range, 28, at Pleasanton.

**Precipitation.**—Greatest monthly, 0.98, at Susanville; least monthly, 0.00, at a number of stations.

**Wind.**—Prevailing direction, west.—*J. A. Barwick, Observer, Weather Bureau, Sacramento, director.*

#### COLORADO.

**Temperature.**—The mean was normal; maximum, 106, at Robb, 20th; minimum, 12, at Cumbres, 4th; greatest monthly range, 73, at Downing; least monthly range, 47, at Livermore.

**Precipitation.**—The average was 0.15 above the normal; greatest monthly, 8.70, at Gold Hill; least monthly, 0.00, at Arboles, Rico, and Villa Grove.

**Wind.**—Prevailing direction, southwest.—*W. S. Miller, Observer, Weather Bureau, Denver, director.*

#### FLORIDA.

**Temperature.**—Maximum, 100, at Bristol, 11th, and at Micco, 22d; minimum, 62, at Orange City, 14th; greatest monthly range, 34, at Archer; least monthly range, 17, at Key West.

**Precipitation.**—Greatest monthly, 23.25, at Hypoluxo; least monthly, 3.27, at Saint Augustine.

**Wind.**—Prevailing direction, southeast.—*E. R. Demain, Observer, Weather Bureau, Jacksonville, director.*

#### GEORGIA.

**Temperature.**—Maximum, 102, at Cordele, 15th; minimum, 51, at Lithia Springs, 14th; greatest monthly range, 45, at Lithia Springs; least monthly range, 19, at Hepzibah.

**Precipitation.**—Greatest monthly, 13.93, at Toccoa; least monthly, 1.11, at Diamond.

**Wind.**—Prevailing direction, southeast.—*Park Morrill, Local Forecast Official, Weather Bureau, Atlanta, director.*

#### ILLINOIS.

**Temperature.**—The mean was 1.1 above the normal; maximum, 105, at McLeansborough, 24th; minimum, 42, at Mascoutah, 4th.

**Precipitation.**—The average was 1.10 above the normal; greatest monthly, 13.09, at Aurora; least monthly, 1.50, at Louisville.

**Wind.**—Prevailing direction, southwest.—*John Craig, Observer, Weather Bureau, Springfield, director.*

#### INDIANA.

**Temperature.**—The mean was 1.2 above the normal; maximum, 96, at Princeton, 16th and 24th; minimum, 43, at Valparaiso, 1st; greatest monthly range, 48, at Valparaiso; least monthly range, 22, at Butlerville.

**Precipitation.**—The average was 0.94 above the normal; greatest monthly, 10.73, at Valparaiso; least monthly, 1.99, at Mount Vernon.

**Wind.**—Prevailing direction, southwest.—*Prof. H. A. Huston, La Fayette, director; C. F. R. Wappenhans, Local Forecast Official, Weather Bureau, assistant.*

#### IOWA WEATHER AND CROP SERVICE.

**Temperature.**—The mean was about 1.0 below the normal; maximum, 102, at Glenwood, 15th and 29th; minimum, 42, at Bancroft and Centerville, 2d; greatest monthly range, 54, at Atlantic and Glenwood; least monthly range, 37, at Fort Madison.

**Precipitation.**—The average was about normal; greatest monthly, 14.16, at Dubuque; least monthly, 0.67, at Glenwood.

**Wind.**—Prevailing direction, southeast.—*J. R. Sage, Des Moines, director; G. M. Chappel, Local Forecast Official, Weather Bureau, assistant.*

#### KANSAS.

**Temperature.**—The mean was 0.2 above the normal; maximum, 109, at Lakin, 8th; minimum, 33, at Hays City, 26th; greatest monthly range, 74, at Lakin; least monthly range, 46, at Lawrence and Sedan.

**Precipitation.**—The average was 2.65 below the normal; greatest monthly, 4.69, at McPherson; least monthly, 0.32, at Manhattan.

**Wind.**—Prevailing direction, southwest.—*Prof. J. T. Lovewell, Topeka, director; T. B. Jennings, Observer, Weather Bureau, assistant.*

#### KENTUCKY.

**Temperature.**—The mean was 2.0 above the normal; maximum, 101, at Bowling Green, 16th; minimum, 48, at Louisa, 27th; greatest monthly range, 51, at La Grange; least monthly range, 29, at Russellville.

**Precipitation.**—The average was slightly below the normal; greatest monthly, 8.45, at South Fork; least monthly, 2.43, at Pellville.

**Wind.**—Prevailing direction, southwest.—*Frank Burke, Observer, Weather Bureau, Louisville, director.*

#### LOUISIANA.

The unusual amount of rainfall damaged crops.

**Temperature.**—The mean was 1.5 below the normal; maximum, 102, at Liberty Hill, 11th; minimum, 46, at Winnsborough, 3d and 4th; greatest monthly range, 52, at Winnsborough; least monthly range, 21, at Port Eads.

**Precipitation.**—The average was 2.88 above the normal; greatest monthly, 17.83, at Cameron; least monthly, 2.16, at Natchitoches.

**Wind.**—Prevailing direction, south.—*George E. Hunt, Local Forecast Official, Weather Bureau, New Orleans, director.*

## MARYLAND.

*Temperature.*—Maximum, 98, at New Market, 24th; minimum, 49, at Seaford, Del., 11th; greatest monthly range, 46, at Seaford, Del.; least monthly range, 19, at Jewell.

*Precipitation.*—Greatest monthly, 7.31, at Cumberland (a); least monthly, 1.45, at Dover, Del.

*Wind.*—Prevailing direction, southwest.—*Dr. William B. Clark, Johns Hopkins University, Baltimore, director; Prof. Milton Whitney, Maryland Agricultural College, secretary and treasurer; C. P. Cronk, Observer, Weather Bureau, in charge.*

## MICHIGAN.

*Temperature.*—The mean was 0.6 above the normal; maximum, 98, at Rockland and Grayling, 12th; minimum, 34, at Rockland, 2d; greatest monthly range, 64, at Rockland; least monthly range, 30, at Noble.

*Precipitation.*—The average was 1.72 above the normal; greatest monthly, 13.22, at Grand Rapids; least monthly, 1.55, at Calumet.

*Wind.*—Prevailing direction, southwest.—*E. A. Evans, Local Forecast Official, Weather Bureau, Detroit, director.*

## MINNESOTA.

*Temperature.*—Maximum, 94, at Cambridge, 11th, and at Grand Meadow and Jackson, 2d; minimum, 30, at Pokegama Falls, 2d; greatest monthly range, 58, at Pokegama Falls; least monthly range, 34, at Pine River Dam and Fergus Falls.

*Precipitation.*—Greatest monthly, 11.48, at Grand Meadow; least monthly, 1.32, at Lake Winnibigoshish.

*Wind.*—Prevailing direction, southeast.—*J. H. Harmon, Observer, Weather Bureau, Minneapolis, director.*

## MISSISSIPPI.

*Temperature.*—The mean was 0.6 below the normal; maximum, 104, at Lake, 16th; minimum, 42, at Waynesborough, 1st and 2d; greatest monthly range, 60, at Waynesborough; least monthly range, 24, at Hattiesburgh.

*Precipitation.*—The average was 0.21 above the normal; greatest monthly, 8.05, at Louisville; least monthly, 1.93, at Holly Springs.

*Wind.*—Prevailing directions, south and southeast.—*R. B. Fulton, Observer, Weather Bureau, University, director.*

## MISSOURI.

*Temperature.*—The mean was 1.5 below the normal; maximum, 100, at Langdon and Liberty, 22d, and at New Haven, 16th; minimum, 38, at Adrian, 1st.

*Precipitation.*—The average was 1.77 below the normal; greatest monthly, 8.00, at Galt; least monthly, 0.45, at Zeitonina.

*Wind.*—Prevailing direction, southwest.—*Levi Chubbuck, Secretary of State Board of Agriculture, Columbia, director; H. A. McNally, Observer, Weather Bureau, assistant.*

## MONTANA.

*Temperature.*—Maximum, 105, at Cokedale, 28th; minimum, 12, at Fort Logan, 3d; greatest monthly range, 72, at Cokedale; least monthly range, 49, at Dearborn Canyon, Fort Buford, N. Dak., and Miles City.

*Precipitation.*—Greatest monthly, 11.15, at Dearborn Canyon; least monthly, 1.30, at Camp Poplar River.

*Wind.*—Prevailing direction, west.—*E. J. Glass, Observer, Weather Bureau, Helena, director.*

## NEVADA.

*Temperature.*—The mean was 1.0 below the normal; maximum, 110, at Belleville, 19th; minimum, 22, at Sunnyside, 4th.

*Precipitation.*—The average was 0.61 above the normal; greatest monthly, 2.90, at Stofel; least monthly, 0.00, at Mill City.—*Prof. Charles W. Friend, Carson City, director; F. A. Carpenter, Observer, Weather Bureau, assistant.*

## NEW ENGLAND.

*Temperature.*—The mean was 1.6 above the normal; maximum, 98, at North Conway, 13th; minimum, 30, at Farmington, 11th; greatest monthly range, 68, at Farmington; least monthly range, 30, at Block Island.

*Precipitation.*—The average was 0.21 above the normal; greatest monthly, 11.23, at Enosburgh Falls; least monthly, 1.20, at Clinton.

*Wind.*—Prevailing direction, southwest.—*J. Warren Smith, Observer, Weather Bureau, Boston, Mass., director.*

## NEW JERSEY.

*Temperature.*—The mean was 3.0 above the normal; maximum, 98, at Paterson, 13th; minimum, 44, at Dover, 8th; greatest monthly range, 51, at Dover; least monthly range, 30, at Ocean City.

*Precipitation.*—The average was 0.13 below the normal; greatest monthly, 6.12, at Newton; least monthly, 1.58, at Hammonton.

*Wind.*—Prevailing direction, southwest.—*E. W. McGann, Observer, Weather Bureau, New Brunswick, director.*

## NEW MEXICO.

*Temperature.*—Maximum, 108, at Deming; minimum, 18, at Coolidge, 18th; greatest monthly range, 76, at Los Lunas; least monthly range, 42, at Deming.

*Precipitation.*—Greatest monthly, 1.34, at Folsom; least monthly, 0.00, at northwest stations.

*Wind.*—Prevailing direction, west.—*H. B. Hersey, Observer, Weather Bureau, Santa Fe, director.*

## NEW YORK.

*Temperature.*—The mean was 2.0 above the normal; maximum, 98, at Plattsburgh Barracks, 13th; minimum, 38, at South Canisteo, 11th; greatest monthly range, 56, at Plattsburgh Barracks; least monthly range, 29, at Buffalo.

*Precipitation.*—The average was 1.95 above the normal; greatest monthly, 10.01, at Bolivar; least monthly, 1.79, at Setauket.

*Wind.*—Prevailing direction, southwest.—*Prof. E. A. Fuertes, Dean of the College of Civil Engineering, Cornell University, Ithaca, director; R. M. Hardinge, Observer, Weather Bureau, assistant.*

## NORTH CAROLINA.

*Temperature.*—The mean was 1.1 above the normal; maximum, 103, at Southern Pines, 24th; minimum, 48, at Bakersville, 14th; greatest monthly range, 52, at Southern Pines and Chapel Hill; least monthly range, 21, at Hatteras.

*Precipitation.*—The average was 2.55 above the normal; greatest monthly, 17.02, at Horse Cove; least monthly, 2.70, at Hatteras.

*Wind.*—Prevailing direction, southwest.—*Dr. Herbert B. Battle, Raleigh, director; C. F. von Herrmann, Observer, Weather Bureau, assistant.*

## NORTH DAKOTA.

*Temperature.*—The mean was 3.5 below the normal; maximum, 94, at Woodbridge, 12th; minimum, 28, at Hope, 3d; greatest monthly range, 65, at Woodbridge; least monthly range, 40, at Lakota.

*Precipitation.*—The average was 0.18 below the normal; greatest monthly, 7.44, at Ashley; least monthly, 1.62, at Minto.

*Wind.*—Prevailing direction, northwest.—*W. H. Fallon, Observer, Weather Bureau, Bismarck, director.*

## OHIO.

*Temperature.*—The mean was 3.0 above the normal; maximum, 101, at Waverly, 17th; minimum, 47, at New Alexandria, 29th; greatest monthly range, 47, at Portsmouth and Logan; least monthly range, 31, at Cleveland.

*Precipitation.*—The average was 1.42 above the normal; greatest monthly, 8.65, at Wauseon; least monthly, 1.97, at Pomeroy.

*Wind.*—Prevailing direction, southwest.—*Prof. B. F. Thomas, Columbus, director; C. M. Strong, Observer, Weather Bureau, secretary and assistant.*

## OKLAHOMA.

*Temperature.*—Maximum, 104, at Kingfisher, 14th and 19th, and at Lehigh and Pauls Valley, 26th; minimum, 41, at Fort Sill, 1st, and at Keokuk Falls, 2d; greatest monthly range, 59, at Gate City; least monthly range, 40, at Kingfisher.

*Precipitation.*—Greatest monthly, 6.26, at Tulsa; least monthly, 0.58, at Gate City.

*Wind.*—Prevailing direction, south.—*Louis Dorman, Observer, Weather Bureau, Oklahoma City, director.*

## OREGON.

*Temperature.*—The mean was 1.1 below the normal; maximum, 106, at Arlington, 29th; minimum, 19, at Fife, 2d; greatest monthly range, 81, at Beulah; least monthly range, 22, at Bandon.

*Precipitation.*—The average was 0.86 below the normal; greatest monthly, 2.02, at Glenora; least monthly, 0.00, at Burns.

*Wind.*—Prevailing direction, west.—*Hon. H. E. Hayes, Master State Grange, Portland, director; B. S. Pague, Observer, Weather Bureau, assistant.*

## PENNSYLVANIA.

*Temperature.*—The mean was 3.0 above the normal; maximum, 99, at Port Carbon, 14th; minimum, 40, at Wellsborough, 29th; greatest monthly range, 55, at Port Carbon; least monthly range, 33, at Girardville and Swarthmore.

*Precipitation.*—The average was 1.64 above the normal; greatest monthly, 10.55, at Wilkes Barre; least monthly, 1.98, at Philadelphia.

*Wind.*—Prevailing direction, southwest.—*Under direction of the Franklin Institute, Philadelphia; H. L. Bull, Observer, Weather Bureau, assistant.*

## SOUTH CAROLINA.

*Temperature.*—Maximum, 99, at Greenwood, 25th; minimum, 53, at Greenville, 13th.

*Precipitation.*—Greatest monthly, 10.48, at Greenwood; least monthly, 3.12, at Columbia.

*Wind.*—Prevailing direction, southwest.—*A. P. Butler, Observer, Weather Bureau, Columbia, director.*

## SOUTH DAKOTA.

*Temperature.*—The mean was 1.7 below the normal; maximum, 100, at Aberdeen, 10th, and at Forest City, 18th; minimum, 32, at Castlewood, 30th; greatest monthly range, 59, at Sioux Falls; least monthly range, 34, at Wolsey.

*Precipitation.*—The average was 0.97 above the normal; greatest monthly, 7.42, at Bowdle; least monthly, 1.43, at Parker.

*Wind.*—Prevailing direction, southeast.—*S. W. Glenn, Local Forecast Official, Weather Bureau, Huron, director.*

## TENNESSEE WEATHER AND CROP SERVICE.

*Temperature.*—The mean was 2.0 below the normal; maximum, 90, at Dyersburgh and Milan, 16th; minimum, 41, at Riddleton, 12th; greatest monthly range, 54, at Riddleton; least monthly range, 25, at Savannah.

**Precipitation.**—The average was 0.14 above the normal; greatest monthly, 8.32, at Chattanooga; least monthly, 2.19, at Fayetteville.

**Wind.**—Prevailing direction, south.—*J. B. Marbury, Local Forecast Official, Weather Bureau, Nashville, director.*

#### TEXAS.

**Temperature.**—The mean was 0.4 below the normal; maximum, 111, at Fort Hancock, 29th; minimum, 35, at Fort Hancock, 5th and 6th; greatest monthly range, 76, at Fort Hancock; least monthly range, 28, at Orange.

**Precipitation.**—The average was 0.83 above the normal; greatest monthly, 18.01, at Orange; least monthly, 0.00, at Forts Clark, McIntosh, and Hancock.

**Wind.**—Prevailing direction, southeast.—*D. D. Bryan, Galveston, director; I. M. Cline, Local Forecast Official, Weather Bureau, assistant.*

#### UTAH.

**Temperature.**—Maximum, 116, at Saint George, 28th; minimum, 22, at Mount Carmel, 3d; greatest monthly range, 77, at Mount Carmel; least monthly range, 45, at Soldiers Summit.

**Precipitation.**—Greatest monthly, 1.67, at Ogden; least monthly, 0.00, at several stations.

**Wind.**—Prevailing direction, southwest.—*G. N. Salisbury, Observer, Weather Bureau, Salt Lake City, director.*

#### VIRGINIA.

**Temperature.**—Maximum, 100, at Richmond, 24th; minimum, 40, at Healing Springs, 1st; greatest monthly range, 52, at Nottaway C. H.; least monthly range, 28, at Bedford City.

**Precipitation.**—Greatest monthly, 7.55, at Big Stone Gap; least monthly, 1.60, at Lexington and Blacksburg.

**Wind.**—Prevailing direction, southwest.—*Dr. E. A. Craighill, Lynchburg, director; J. N. Ryker, Observer, Weather Bureau, assistant.*

#### WASHINGTON.

**Temperature.**—The mean was 0.2 above the normal; maximum, 103, at

Walla Walla, 28th, and at Fort Spokane, 29th; minimum, 27, at Baker City, Oregon, 2d; greatest monthly range, 73, at Ritzville; least monthly range, 26, at Tatoosh Island.

**Precipitation.**—The average was 0.73 above the normal; greatest monthly, 2.80, at Tatoosh Island; least monthly, 0.08, at Fort Simcoe.

**Wind.**—Prevailing direction, west.—*E. B. Olney, Observer, Weather Bureau, Olympia, director.*

#### WEST VIRGINIA.

**Temperature.**—Maximum, 99, at Grafton, 17th, and at Moorfield, 14th; minimum, 41, at Davis, 7th and 12th; greatest monthly range, 47, at Grafton, Moorfield, and Spencer; least monthly range, 28, at Danville.

**Precipitation.**—Greatest monthly, 6.80, at White Sulphur Springs; least monthly, 1.95, at Elkhorn.

**Wind.**—Prevailing direction, west.—*W. W. Dent, Observer, Weather Bureau, Parkersburg, director.*

#### WISCONSIN.

**Temperature.**—Maximum, 96, at Black River Falls, 11th, and at Prairie du Chien, 11th and 12th; minimum, 35, at Bayfield, 3d and 8th.

**Precipitation.**—Greatest monthly, 13.53, at Prairie du Chien; least monthly, 2.41, at Bayfield.

**Wind.**—Prevailing direction, northwest.—*W. L. Moore, Local Forecast Official, Weather Bureau, Milwaukee, director.*

#### WYOMING.

**Temperature.**—Maximum, 103, at Casper, 28th; minimum, 15, at Saratoga, 1st; greatest monthly range, 74, at Saratoga; least monthly range, 53, at Cheyenne and Fort McKinney.

**Precipitation.**—Greatest monthly, 4.65, at Lusk; least monthly, 0.00, at Casper.

**Wind.**—Prevailing direction, west.—*E. M. Ravenscraft, Observer, Weather Bureau, Cheyenne, director.*

### METEOROLOGICAL TABLES.

*Meteorological record of Army post surgeons, voluntary, and other co-operating observers, June, 1892.*

Stations.	Temperature. (Fahrenheit.)			Precip'n.		Stations.	Temperature. (Fahrenheit.)			Precip'n.	
	Max.	Min.	Mean.				Max.	Min.	Mean.		
<b>Alabama.</b>	o	o	o	Ins.		<b>Alabama—Cont.</b>	o	o	o	Ins.	
Bermuda *†	92	60	77.5	1.44		Wiggins †	101	64	81.4	3.64	
Bessemer	92	64	78.5	7.79		Wilsonville †				6.59	
Brewton †	97	56	78.2	7.86		<b>Alaska.</b>					
Carrollton *†	91	63	76.4	6.88		Killishnoo †	70	34	46.7	4.60	
Citronelle †	93	66	79.8	5.80		Metlakatla †	71	39	56.5	4.27	
Claiborne Landing †				3.55		<b>Arizona.</b>					
Cordova †				5.72		Ariz. Can. Co. Dam †	113	52	81.4	0.00	
Daphne †	105	64	79.7	9.48		Benson †	108	65	89.7	0.00	
Decatur †				2.84		Bisbee †	99	45	76.4	0.24	
Decatur †	95	58	76.3	2.68		Calabasas †	101	40	75.0	0.40	
Double Springs †	89	60	75.6	5.45		Casa Grande †	118	58	88.1	0.00	
Eufaula †	99	64	80.6	2.81		Chiricahua Mts †			2.75		
Eufaula †	97	63	79.9			Cittenden *†	103	39	74.5	0.35	
Evergreen †	93	61	79.0	9.10		Dos Cabezas *†	99	62	79.4	0.10	
Fayette C. H. †	93	59	77.7	3.32		Dragon †			0.00		
Florence †				3.68		Dragon Summit †	100	70	84.3	0.18	
Florence †	94	56	76.0	3.61		Eagle Pass †			73.0	0.00	
Fort Deposit †	97	63	79.1	6.20		Farleys Camp †			84.0	0.00	
Gadsden †				3.93		Florence †	114	44	66.5	0.15	
Geneva †	96	65	81.7	6.43		Fort Apache	103	29	66.5	0.50	
Greensborough †	93	61	77.6	4.58		Fort Bowie	104	47	79.7	0.00	
Healing Springs †	97	60	79.2	5.60		Fort Grant	105	42	77.2	0.00	
Highland Home †	92	63	78.0	3.03		Fort Huachuca	100	42	75.3	0.14	
Jasper †	93	58	75.0	4.86		Fort Mohave †	122	55	88.4	0.00	
Livingston †	93	61	75.4	5.20		Gila Bend a *†	110	66	88.4	0.00	
Livingston †	97	60	78.2	5.53		Gila Bend b †	120	64	92.9	0.00	
Lock No. 4 †				4.81		Grand Central Mill			0.02		
Lynn †				5.63		Holbrook †	102	29	65.7	T.	
Marion †	95	60	78.2	3.74		Lochiel †	98	52	75.2	0.33	
Maysville †	92	63	78.5	5.22		Maricopa †	114	70	89.6	0.00	
Mount Willing †	93	64	78.3			Mount Huachuca †	100	41	76.5	0.62	
Newburgh †	94	56	71.3	2.14		Natural Bridge †			0.05		
Newton *†	94	64	78.2	6.14		Navajo Springs †			0.00		
Opelika †	99	58	76.0	6.01		New River †	107	49	79.4	0.00	
Oxanna *†	89	59	74.7	4.87		Orale †	100	44	77.3		
Pine Apple †	98	53	79.1	4.40		Pantano †	102	67	84.6	0.00	
Pittsborough †	95	70	82.5	3.55		Pavson †	103	48	71.4	0.23	
Pushmataha †	90	61	76.3	3.54		Peoria †	112	53	83.3	0.00	
Selma †				2.38		Phoenix a †	112	50	83.2	0.00	
Scottsboro †	94	57	76.9	3.47		Red Rock †	114	74	93.5	0.00	
Sturdevant †				2.46		Reymert †	114	47	83.0		
Talladega †				1.87		Rye			0.01		
Talladega Falls †				3.45		Saint Johns †			0.00		
Thomasville †	96	57	78.8	3.52		San Carlos	111	40	78.6	0.00	
Tuscaloosa †	96	62	79.8	4.27		San Simon †	110	70	88.7	0.00	
Tusculum a †	96	65	79.3	5.83		Signal †	116	43	81.4	0.00	
Tusculum b †	97	59	78.2	5.22		Texas Hill †	120	60	87.7	0.00	
Union Springs a †	97	60	78.4	4.33		Tucson a †	109	46	83.4	0.21	
Union Springs b †	98	62	79.7	5.90		Tucson b †	105	40	74.6	0.25	
Union †	95	65	76.7	4.72		Walnut Ranch *†	98	42	73.5	0.49	
Valley Head †	89	57	73.4	5.60		Whipple Barracks	104	34	66.6	0.00	
Walker Springs †	95	69	82.9	7.79		Willcox †	108	65	84.7	2.90	
Wetumpka †		69		1.10		Wilgus †			0.10		

*Meteorological record of voluntary observers, etc.—Continued.*

Stations.	Temperature. (Fahrenheit.)			Precip'n.		Stations.	Temperature. (Fahrenheit.)			Precip'n.	
	Max.	Min.	Mean.				Max.	Min.	Mean.		
<b>Arizona—Cont'd.</b>	o	o	o	Ins.		<b>California—Cont'd.</b>	o	o	o	Ins.	
Winslow *†	105	51	81.2	0.20		Belmont †	88	58	69.7		
Yuma †	116	62	86.2	0.00		Berendo †	110	60	80.8	0.00	
<b>Arkansas.</b>						Berkeley †	78	46	57.9	0.00	
Arkadelphia †				4.22		Bishop Creek †	104	52	76.4	T.	
Arkansas City †				5.66		Boca †	90	32	57.1	0.70	
Black Rock *†	102	50	79.4	2.13		Borden †	104	50	71.9	0.35	
Brinkley †	96	53	76.3	3.65		Boulder Creek †	97	45	61.2	0.00	
Camden †				5.79		Brentwood †	105	58	71.7	0.00	
Camden b †	94	57	76.8	6.90		Brighton †	107	55	74.9	0.00	
Conway †	89	60	75.9	1.87		Byron †	102	56	71.7	0.00	
Corner Stone †	90	56	75.7	4.12		Caliente †	100	45	76.6	0.50	
Dallas †	96	51	76.0	6.09		Calistoga †	95	43	66.8	0.56	
Dardanelle †				3.01		Capitola †	84	52	62.9	0.00	
El Dorado †	94	50	75.0	6.61		Castroville †	75	55	62.1	0.00	
Fayetteville †	92	46	73.4	5.35		Centerville †	100	52	64.8	T.	
Forrest City †	94	55	78.1	2.45		Chico †	104	50	70.9	0.00	
Fulton †				2.80		Cisco †	80	27	51.8	1.40	
Gaines Landing †				4.06		Citrus †	108	56	78.4	0.00	
Harrison †	94	50	76.0	3.35		Claremont †	91	43	64.4	0.84	
Helena †				6.37		Colfax †	95	40	71.1	0.60	
Helena b †	98	54	78.6	0.72		Colton †	96	50	66.6	0.00	
Hope †	98	55	79.6	0.72		Corning †	103	55	76.8	0.05	
Hot Springs	98	49	76.0	3.04		Crescent City				0.74	
Lead Hill †	103	52	79.6	5.33		Crescent City L. H.				0.83	
Lonoke †	95	55	79.6	2.12		Crofton †	97	49	69.8	0.00	
Madding †				77.0		Davisville a †	102	50	73.4	0.00	
Mount Nebo †	87	50	74.0	3.82		Davisville b †	100	45	69.2	T.	
Newport a †				3.17		Delano †	105	50	76.3	0.37	
Newport b †	98	56	78.6	2.99		Delta †	101	50	71.2	0.04	
Osceola †	91	57	76.1	1.89		Downey †	90	54	68.6	0.05	
Ozark †	99	51	78.0			Drytown	98	40	65.4	0.29	
Ozone †	90	51	74.0	5.03		Duarte	96	44	65.3	T.	
Pine Bluff †	96	54	79.6	4.57		Dunnigan †	96	62	78.4	0.00	
Prescott †	94	54	77.3	5.29		Dunsuir †	99	44	63.6	1.22	
Rogers †	95	40	73.4	4.59		Edgewood †	88	39	62.4	0.69	
Russellville †	97	51	78.4	4.35		El Casco †	109	41	73.0	0.00	
Stuttgart †	96	53	78.3	2.52		El Dorado †	100	51	69.7	0.15	
Texarkana †	98	52	79.2	2.48		Elmira †	104	50	68.1	0.00	
Washington †	86	64	77.4			El Verano †	94	51	65.8	T.	
Winslow *†	80	53	72.9	3.86		Emigrant Gap †	80	30	50.5	0.70	
<b>California.</b>						Esparto †	103	40	70.5	0.00	
Agnew †	92	40	61.0	0.09		Exeter †	105	52	76.0	0.14	
Alcalde †	104	54	78.8	0.00		Farmington †	105	41	70.4	0.18	
Almaden †	94	51	63.5	0.00		Felton †	98	48	66.3	0.00	
Alvarado †	91	44	62.9	0.00		Fernando †	96	50	68.6	0.00	
Anaheim †	90	50	65.5	0.00		Florence †	88	55	68.6	0.00	
Antioch †	98	53	69.1	0.00		Florin †	100	43	64.0	0.00	
Aptos †	80	50	63.2	0.00		Folsom City a †	106	58	73.1	0.05	
Arcata	74	36	54.8	0.50		Folsom City b.				0.07	
Athlone †	106	54	74.3	0.00		Fort Bidwell	95	29	59.1	1.46	
Auburn †	94	53	68.7	0.00		Fresno †	110	52	78.0	0.00	
Bakersfield a †	104	57	77.9	0.39		Fruto †	104	53	73.1	0.25	
Bakersfield b †	105	41	71.4	0.55		Galt †	102	60	79.3	0.00	
Beaumont †	102	58	74.0	0.00		Georgetown †	91	30	63.8	0.38	